

L14 188477 (snr or signal-to-noise or ((signal voice speech audio) adj2 (noise silence)) or ((signal noise background silence) adj2 ratio\$2)) 2005/11/15 09:39 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L15 409496 (normaliz\$ normalis\$ equaliz\$ equalis\$ agc (automatic adj gain) (unit adj2 (variance deviation)) (zero adj2 (mean avarage))) 2005/11/15 11:38 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

L16 841 ((speech audio voice) adj (plus includ\$4) adj (silence noise background)) or ((silence noise background) adj (plus includ\$4) adj (speech audio voice)) or ((noisy noisey noisful noiseful noissome noisesome nois-some noise-some) adj2 (speech audio voice)) 2005/11/15 11:39 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L17 51 (lower\$4 decreas\$4 smalle\$3 less worse\$6) near2 I14 and L15 and L16 2005/11/15 10:08 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L19 116 (acero-a\$ stern-r\$ gales-m\$ young-s\$ lockwood-p\$ boudy-j\$ openshaw-j\$ mason-j\$ rosenberg-a\$ lee-c\$ soong-f\$ vancompernelle-d\$ conpernelle-d\$ claes-t\$ yang-r\$ haavisto-p\$ yang-r\$ majaniemi-m\$).in. and I14 and I15 2005/11/15 09:58 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L20 8 (lower\$4 decreas\$4 smalle\$3 less worse\$6) near2 I14 and I19 2005/11/15 10:05 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L21 23 (acero-a\$ stern-r\$ gales-m\$ young-s\$ lockwood-p\$ boudy-j\$ openshaw-j\$ mason-j\$ rosenberg-a\$ lee-c\$ soong-f\$ vancompernelle-d\$ conpernelle-d\$ claes-t\$ yang-r\$ haavisto-p\$ yang-r\$ majaniemi-m\$).in. and (lower\$4 decreas\$4 smalle\$3 less worse\$6) near2 I14 2005/11/15 10:06 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L25 8357 (decreas\$4 lessen\$4 worse\$6 degrad\$7) near2 I14 2005/11/15 10:13 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L26 113 "704"/\$.ccls. and I25 2005/11/15 10:32 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L27 16977 (spectal adj subtraction or noise near2 (subtract\$6 cancel\$6)) 2005/11/15 10:34 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L28 422 I27 and I25 2005/11/15 11:37 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L29 64 I27 same I25 2005/11/15 10:36 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L30 27 "704"/\$.ccls. and I27 and I25 2005/11/15 11:36 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L35 65147 vad or ((voice speech silence background noise) near2 detect\$6) 2005/11/15 11:17 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L39 6 "704"/\$.ccls. and I27 and I25 not I35 2005/11/15 10:59 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L40 151 I27 and I25 and I15 not I35 2005/11/15 11:12 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L42 49 without adj2 I35 and I15 2005/11/15 11:18 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L43 23 "704"/\$.ccls. and without adj2 I35 2005/11/15 11:23 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L46 124 I27 and L15 and L16 and I14 2005/11/15 11:30 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L48 10 I27 and (I25).ti.ab. 2005/11/15 11:37 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

L49 7652 (unit adj2 (variance deviation)) (zero adj2 (mean avarage)) 2005/11/15 11:38 US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

L50 33 I49 and I16 2005/11/15 11:39 US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

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